

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

- 1 –3 (Cancelled)
4. (Currently Amended) A balloon angioplasty catheter comprising:
- an elongated catheter body having a proximal end and a distal end;
- a balloon including an inflatable envelope portion, the balloon having a proximal end and a distal end;
- a tubular member defining a perfusion lumen extending through the balloon, the perfusion lumen having a proximal end and a distal end, the proximal end of the perfusion lumen being proximate the proximal end of the balloon, the perfusion lumen decreasing distally in cross section within the inflatable envelope portion.
5. (Currently Amended) A balloon angioplasty catheter as recited in claim 4, wherein the ~~perfusion lumen~~ tubular member includes a metallic ribbon coil support.
- 6 – 9 (Cancelled)
10. (Currently Amended) A balloon angioplasty catheter comprising :
- an elongated catheter body;
- a balloon;

a first tubular member defining a perfusion lumen extending through the balloon, the perfusion lumen having a distal end and a proximal end;

a second tubular member defining guidewire lumen, the ~~guidewire lumen~~ second tubular member being disposed through the perfusion lumen and being collapsible, during normal use, in the absence of an inserted guidewire.

11. (Currently Amended) A balloon angioplasty catheter as recited in claim 10, wherein the ~~perfusion lumen~~ first tubular member includes a metallic ribbon coil support.

12. (Original) A balloon angioplasty catheter as recited in claim 10, wherein the perfusion lumen distal end has a smaller cross section than the perfusion lumen proximal end.